



### **FLARE: Fully Localized Atmospheric Research Environment**

**FLARE** is a new, JAVA-based desktop weather product, now available from the National Weather Service. Once installed and configured, this product will continuously run and update in the background of your computer's desktop. Current weather observations, detailed forecast information, current weather hazard maps, radar and satellite loops, and any active warnings, watches, and/or advisories are all displayed in one convenient window. All of the options in **FLARE** can be customized and edited for your preferred location.

For more detailed and background information on **FLARE** go to:  
<http://www.wrh.noaa.gov/wrh/ssd/index-flare.html>

See the instructions below for configuring **FLARE** for locations in the Wakefield, VA Weather Forecast Office's area of responsibility.

## How to Set Up **FLARE** on Your Computer

**Ensure that you have JAVA 5.0 or better on your computer.** If you need to download the latest version of JAVA go to:

<http://java.sun.com/javase/downloads/index.jsp>

**Then navigate to:** <http://www.wrh.noaa.gov/wrh/ssd/flare.msi>

- Click on “save” or “save file” when the window pops up.
- Select your desktop as the location (it may automatically default to desktop).
- When the save/download is complete click on “run” or open” in the window that pops up.

**After clicking “run” or “open”, click “next”, then click “install”.**

- When prompted for your **Location** – type in your city/town/etc.
- When prompted for your **CWA** – type in **AKQ** (Upper Case).
- When prompted for your **METAR** – type in the 4 letter airport code closest to your location (Upper Case), i.e. **KRIC** for Richmond, **KORF** for Norfolk, **KSBY** for Salisbury, **KECG** for Elizabeth City.
- When prompted for your **County** – type in the name of your County.
- When prompted for your **County Code** type in the code from the list below (Upper Case).
- When prompted for your **Zone Code** type in the code from the list below (Upper Case).
- When prompted for your **Radar Site** type in **KAKQ** for the Wakefield, VA radar, or **KDOX** for the Dover, DE radar.
- Click **Finish**.

A **FLARE** icon will appear on your desktop; click the icon and the **FLARE** display will run automatically. For further directions on configuring **FLARE** read the documentation located at the following:

<http://www.wrh.noaa.gov/wrh/ssd/index-flare.html>

## **COUNTY CODES**

### **Virginia County Codes**

VAC001 – Accomack  
VAC007 – Amelia  
VAC025 – Brunswick  
VAC033 – Carolina  
VAC036 – Charles City  
VAC049 – Cumberland  
VAC053 – Dinwiddie  
VAC057 – Essex  
VAC065 – Fluvanna  
VAC073 – Gloucester  
VAC075 – Goochland  
VAC081 – Greensville  
VAC085 – Hanover  
VAC087 – Henrico  
VAC093 – Isle of Wight  
VAC095 – James City  
VAC097 – King & Queen  
VAC103 – Lancaster  
VAC109 – Louisa  
VAC111 – Lunenburg  
VAC115 – Matthews  
VAC117 – Mecklenburg  
VAC119 – Middlesex  
VAC127 – New Kent  
VAC131 – Northampton  
VAC133 – Northumberland  
VAC135 – Nottoway  
VAC145 – Powhatan  
VAC147 – Prince Edward  
VAC153 – Prince William  
VAC159 – Richmond  
VAC175 – Southampton  
VAC181 – Surry  
VAC183 – Sussex  
VAC193 – Westmoreland  
VAC199 – York

### **Virginia City Codes**

VAC550 - Chesapeake  
VAC570 – Colonial Heights  
VAC595 – Emporia  
VAC620 – Franklin  
VAC650 – Hampton  
VAC670 – Hopewell  
VAC700 – Newport News  
VAC710 – Norfolk  
VAC730 – Petersburg  
VAC735 – Poquoson  
VAC760 – Richmond  
VAC800 – Suffolk  
VAC810 – Virginia Beach  
VAC830 – Williamsburg

### **Maryland County Codes**

MDC019 – Dorchester  
MDC039 – Somerset  
MDC045 – Wicomico  
MDC047 – Worcester

### **North Carolina County Codes**

NCC015 – Bertie  
NCC029 – Camden  
NCC041 – Chowan  
NCC053 – Currituck  
NCC073 – Gates  
NCC091 – Hertford  
NCC131 – Northampton  
NCC139 – Pasquotank  
NCC143 – Perquimans

## **ZONE CODES**

### **Virginia Zone Codes**

VAZ048 – Fluvana  
VAZ049 – Louisa  
VAZ060 – Prince Edward  
VAZ061 – Cumberland  
VAZ062 – Goochland  
VAZ063 – Hanover  
VAZ064 – Caroline  
VAZ065 – Mecklenburg  
VAZ066 – Lunenburg  
VAZ067 – Nottoway  
VAZ068 – Amelia  
VAZ069 – Powhatan  
VAZ072 – King William  
VAZ073 – King & Queen  
VAZ074 – Essex  
VAZ075 – Westmoreland  
VAZ076 – Richmond  
VAZ077 – Northumberland  
VAZ078 – Lancaster  
VAZ079 – Brunswick  
VAZ080 – Dinwiddie  
VAZ082 – Charles City  
VAZ083 – New Kent  
VAZ084 – Gloucester  
VAZ085 – Middlesex  
VAZ086 – Matthews  
VAZ088 – Sussex  
VAZ089 – Surry  
VAZ093 – Isle of Wight  
VAZ070 – Chesterfield (including Colonial Heights)  
VAZ071 – Henrico (including Richmond)  
VAZ081 – Prince George (including Petersburg, Hopewell)  
VAZ087 – Greensville (including Emporia)  
VAZ090 – James City (including Williamsburg)  
VAZ091 – York (including Poquoson)  
VAZ092 – Southampton (including Franklin)

VAZ094 – Newport News/Hampton  
VAZ095 – Norfolk/Portsmouth  
VAZ096 – Suffolk  
VAZ097 – Chesapeake  
VAZ098 – Virginia Beach  
VAZ099 – Accomack  
VAZ100 – Northampton

### **Maryland Zone Codes**

MDZ021 – Dorchester  
MDZ022 – Wicomico  
MDZ023 – Somerset  
MDZ034 – Inland Worcester  
MDZ025 – Maryland Beaches

### **North Carolina Zone Codes**

NCZ012 – Northampton  
NCZ013 – Hertford  
NCZ014 – Gates  
NCZ015 – Pasquotank  
NCZ016 – Camden  
NCZ017 – Inland Currituck  
NCZ030 – Bertie  
NCZ031 – Chowan  
NCZ032 – Perquimans  
NCZ102 – Outer Banks Currituck

## **RADAR CODES**

KAKQ – Wakefield, VA  
KDOX – Dover, DE  
KRAX – Raleigh, NC  
KLWX – Sterling, VA  
KFCX – Roanoke, VA  
KMHX – Morehead City, NC

## **METAR CODES**

KOFP – Ashland/Hanover, VA  
KCPK – Chesapeake, VA  
KEMV – Emporia, VA  
KFVX – Farmville, VA  
KFKN – Franklin, VA  
KLCU – Louisa, VA  
KMFV – Melfa, VA  
KPHF – Newport News, VA  
KORF – Norfolk, VA  
KPTB – Petersburg, VA  
KRIC – Richmond, VA  
KAVC – South Hill, VA  
KSFQ – Suffolk, VA  
KWAL – Wallops Island, VA  
KFYJ – West Point, VA  
KJGG – Williamsburg, VA  
KNTU – Virginia Beach, VA  
KXSA – Tappahannock, VA  
KLFI – Hampton, VA  
KSBY – Salisbury, MD  
KCOB – Ocean City, MD  
KCGE – Cambridge, MD  
KONX – Currituck, NC  
KECG – Elizabeth City, NC  
KEDE – Edenton, NC  
KASJ – Ahoskie, NC  
KRZZ – Roanoke Rapids, NC